



1 TTTCCCTCACTATAAAAGAATAGAGAAGGAAGGGCTTCAGTGACCGGCTGCCTGGCTGACTTACAGCAGTCAGACTCTGACAGGATC
 91 ATGGCTATGATGGAGGTCAGGGGGGACCCAGCTGGGACAGACCTGCTGCTGATCGTGATCTTACAGTCTCCTGACAGTCTCTCTGT
 1 MetAlaMetMetGluValGlnGlyGlyProSerLeuGlyGlnThrCysValLeuIleValIlePheThrValLeuLeuGlnSerLeuCys
 181 GTGGCTTAACCTTACGCTGACTTTACCAACGAGCTGAAGCAGATGCAGGACAAGTACTCCAAAAGTGGCATTGCTTGTCTTAAAGAA
 31 ValAlaValThrTyrValTyrPheThrAsnGluLeuLysGlnMetGlnAspLysTyrSerLysSerGlyIleAlaCysPheLeuLysGlu
 271 GATGACAGTTATTGGGACCCCAATGACGAAGAGACTATGAACAGCCCTGCTGGCAAGTCAAGTGGCAACTCCGTCAGCTCGTTAGAAAG
 61 AspAspSerTryTrpAspProAsnAspGluGluSerMetAsnSerProCysTrpGlnValLysTrpGlnLeuArgGlnLeuValArgLys
 361 ATGATTTTGAGAACCTCTGAGGAAACCATTTCTACAGTTCAAGAAAAGCAACAAAATATTTCTCCCTAGTGAGAGAAAAGGTCCTCAG
 91 MetIleLeuArgThrSerGluGluThrIleSerThrValGlnGluLysGlnAsnIleSerProLeuValArgGluArgGlyProGln
 451 AGGTAGCAGCTCACATACTGGGACCAGAGGAAGAACACATTTCTCTCCAACTCCAAAGATCAAAAGGCTCTGGGCGGCAAA
 121 ArgValAlaAlaHisIleThrGlyThrArgGlyArgSerAsnThrLeuSerSerProAsnSerLysAsnGluLysAlaLeuGlyArgLys
 541 ATAACTCTGGGAATCATCAAGGAGTGGGCTTCTCTGAGCACTTGCACCTTGAGGAATGGTCAACTGGTCATCCATGAAAAAGGG
 151 IleAsnSerTrpGluSerSerArgSerGlyHisSerPheLeuSerAsnLeuHisLeuArgAsnGlyGluLeuValIleHisGluLysGly
 631 TTTTACTACATCTATCCCAACATACCTTTCGATTTTCAGGAGGAAAATAAAGAAAACACAAAGACGACAAACAAATGGTCCAATATATT
 181 PheTyrTyrIleTyrSerGlnThrTyrPheArgPheGlnGluGluIleLysGluAsnThrLysAsnAspLysGlnMetValGlnTyrIle
 721 TACAAATACACAAGTTATCCTGACCCCTATATTCTTGATGAAAAGTGCTAGAAAATAGTTGTTGGTCTAAAGATGCAGAAATATGGACTCTAT
 211 TyrLysTyrThrSerTyrProAspProIleLeuLeuMetLysSerAlaArgAsnSerCysTrpSerLysAspAlaGluTyrGlyLeuTyr
 811 TCCATCTATCAAGGGGAATATTTCAGCTTAAGGAAAATGACAGAAATTTTCTTTCTGTAAACAAATGAGCACTTGATAGACATGGACCAT
 241 SerIleTyrGlnGlyIlePheGluLeuLysGluAsnAspArgIlePheValSerValThrAsnGluHisLeuIleAspMetAspHis
 901 GAAGCCAGTTTTTTTCGGGGCTTTTTCAGTTGGCTAACCTGACCTGGAAAGAAAAGCAATAACCTCAAAGTCACTATTCACTTTTCAGGAT
 271 GluAlaSerPhePheGlyAlaPheLeuValGlyStp
 991 GATACACTATGAAGATGTTTCAAAAAAATCTGACCCAAAAACAAACACAGAAA

FIG. 1A

41BBL	80	DPAGLLDLRQGMFAQVAQ	-----B-----	-----B'-----	-----C-----
OX40L	52	VSH---RYPRIQSIKVFQFT	-----	-----	-----
CD27L	45	QQQLPLESLGWDVAETQLN	-----	-----	-----
CD30L	87	LCILKRAPPFKKSWAYLQVA	-----	-----	-----
TNF	77	VRSSSRTPSDKPVVAHVAN	-----	-----	-----
LTb	77	EEPETDLSPGLPAAHLLGA	-----	-----	-----
LTa	52	PKMHLAHSILKPAAHLLGD	-----	-----	-----
CD40L	113	MQ--KGDQNPQIAAHVISE	-----	-----	-----
Apo1L	134	PSPPEKKELRKVAHLTK	-----	-----	-----
Apo2L	114	VRE---RGPQRVAHHITGTRGRSNTLSSPNSKNEKALGRKINS	-----	-----	-----

41BBL	137	KAGMYIVFFQLLELRVVAGECS	-----D-----	-----E-----	-----F-----
OX40L	97	CDGMYLLSLKGYE-SQE	-----	-----	-----
CD27L	100	RDGMYVHIQVTLAICSSTTASRH	-----	-----	-----
CD30L	135	FPGLYFLLQQLQLVQCP	-----	-----	-----
TNF	128	SEGLYLIYSQVLEFGGCGP	-----	-----	-----
LTb	129	QDGLYVLCVGRGRAPPGGDPQGRSM	-----	-----	-----
LTa	103	TSGMYFVYSQVWFSGKAYS PKAT	-----	-----	-----
CD40L	165	RQGLYIYAQVITFCNREA	-----	-----	-----
Apo1L	186	ETGLYFVYSKVVFRGQSC	-----	-----	-----
Apo2L	178	EKGFYVYISQVYFRFQEEIKENTK	-----	-----	-----

41BBL	190	---SEARNSAFGFQGRILHLS-AGRLGWHLHTEARARHAWQLTQATVLG	-----G-----	-----H-----	-----I-----
OX40L	137	---SILMVASLTYKDK	-----	-----	-----
CD27L	149	---FHQGCIVSQRLTFLAR	-----	-----	-----
CD30L	180	---GMQTKHVYQNLSQLLDYLVQNTTISNVVDTFQYI	-----	-----	-----
TNF	184	GAEAKMYEPIYLGVMFQLEK	-----	-----	-----
LTb	195	QGYGPIWYTSVCGGLVQLRR	-----	-----	-----
LTa	160	---QEPMLHSTHGAFLQITQ	-----	-----	-----
CD40L	217	---PCGQQSILHCGVFELQP	-----	-----	-----
Apo1L	237	---QGMWARSSTLCAVFNLT	-----	-----	-----
Apo2L	236	---EYGLY-SLYQGGIFELKE	-----	-----	-----

FIG. 1B

FIG. 3A

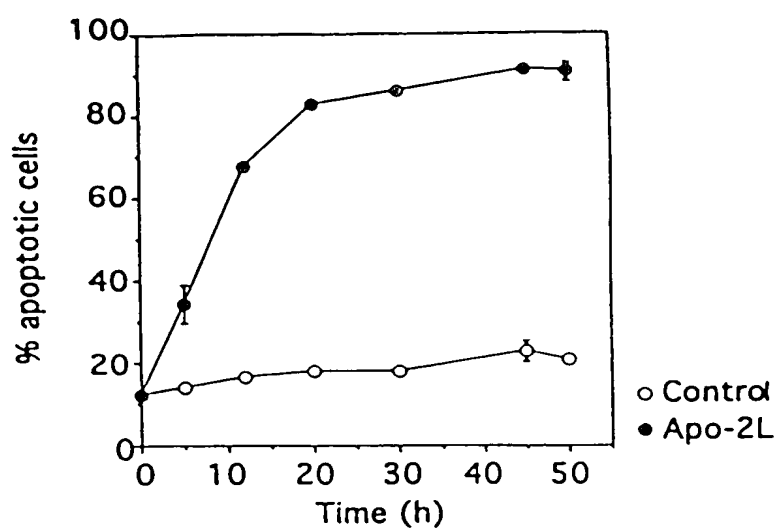


FIG. 3B

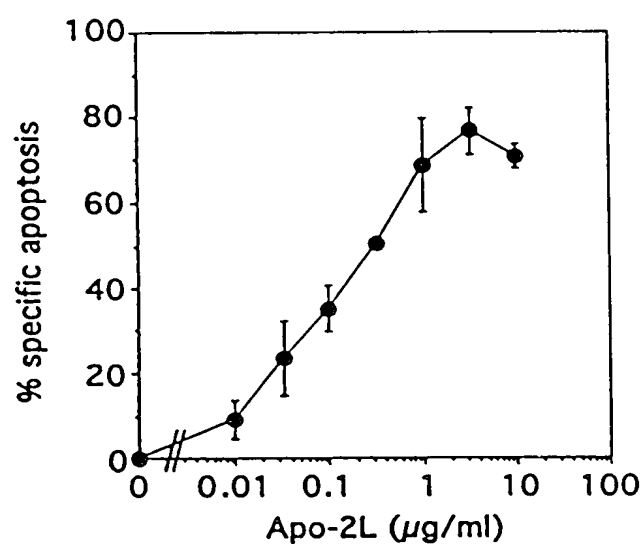
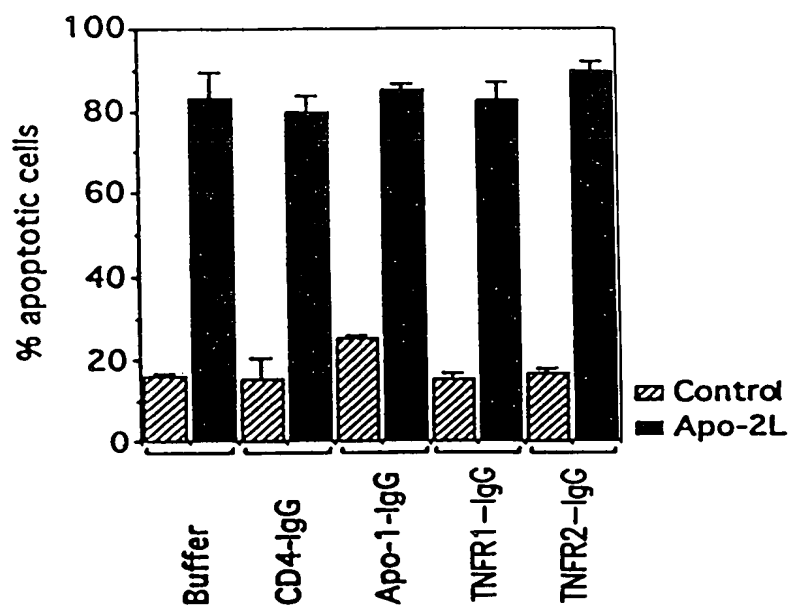


FIG. 3C



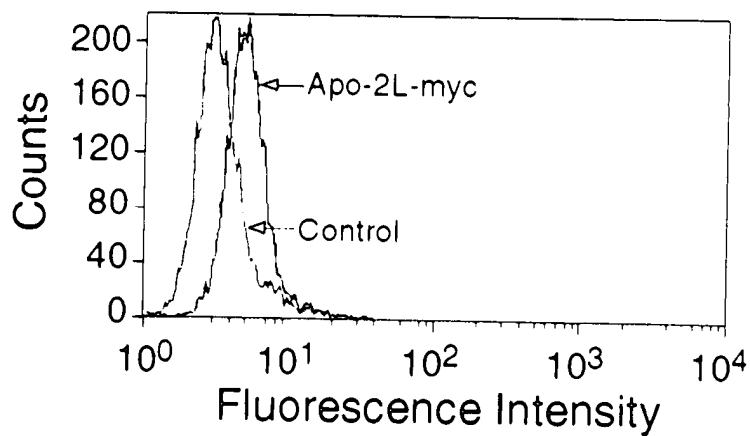


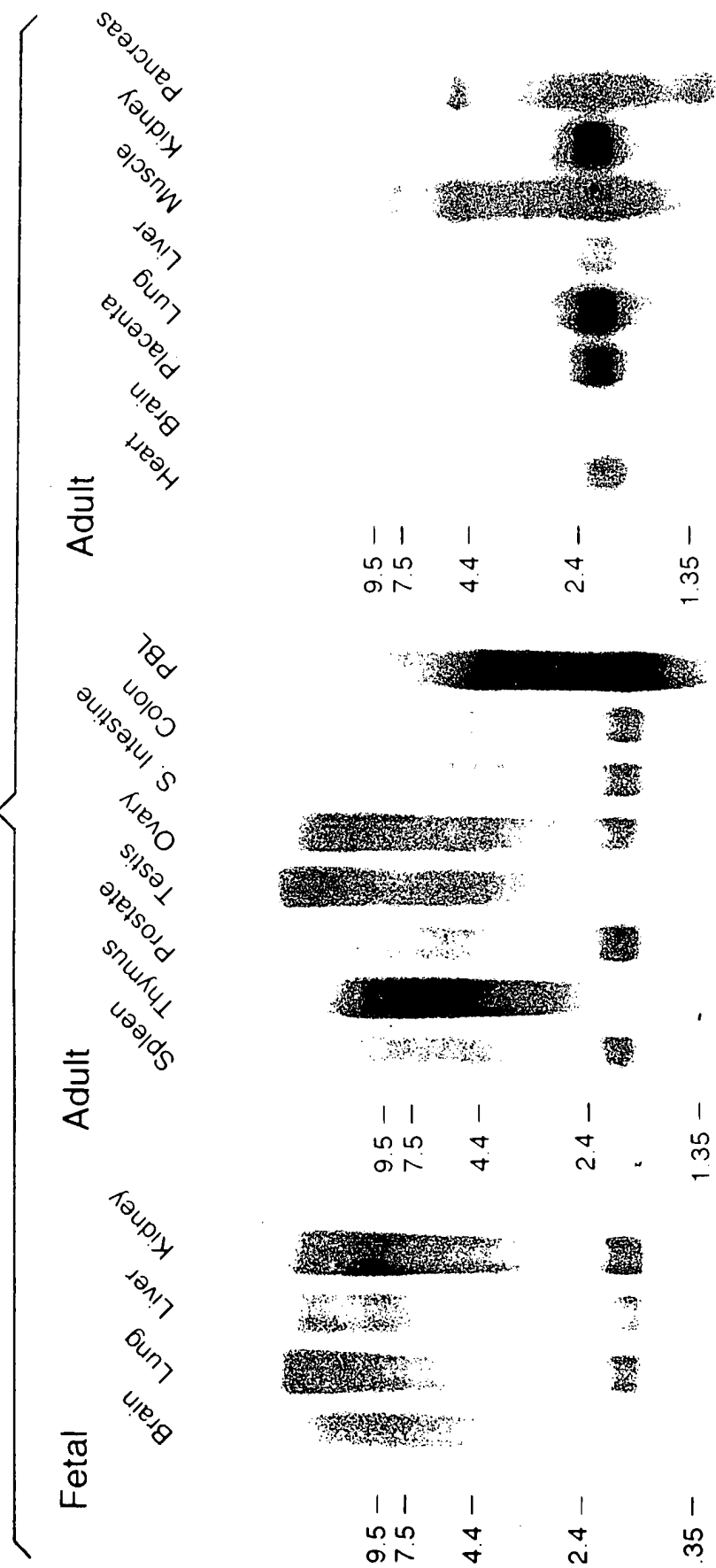
FIG. 1C



FIG. 1D

FIG. 1E

FIG. 4



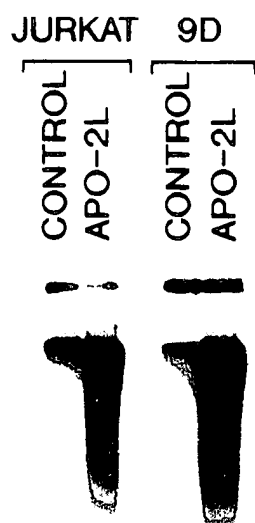


FIG. 2E

FIG. 2B

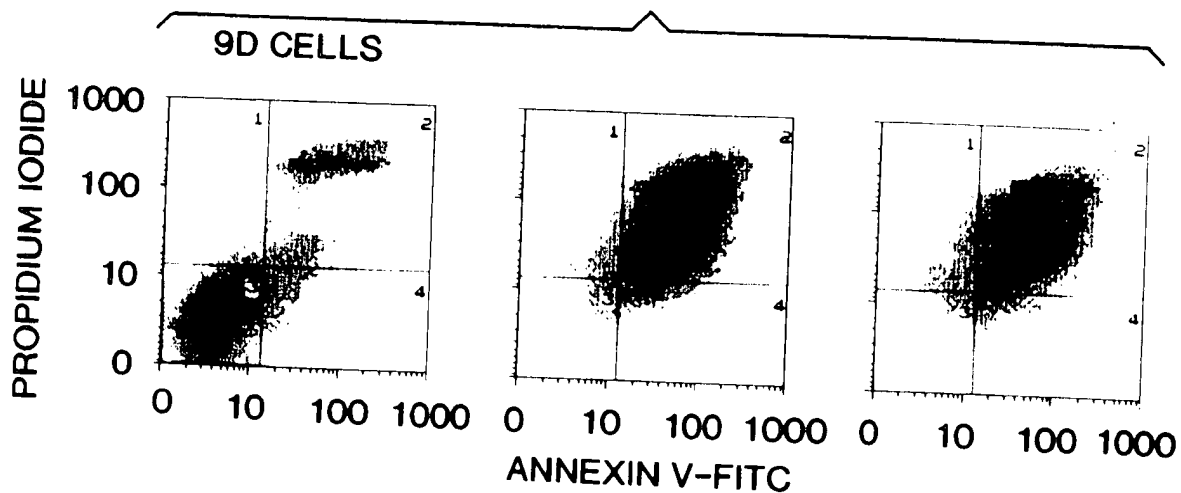


FIG. 2C

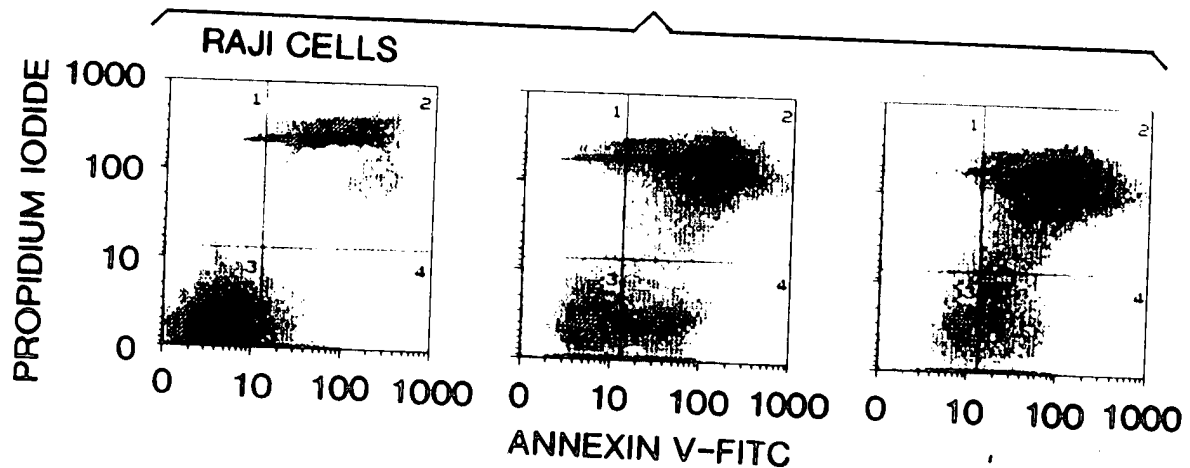
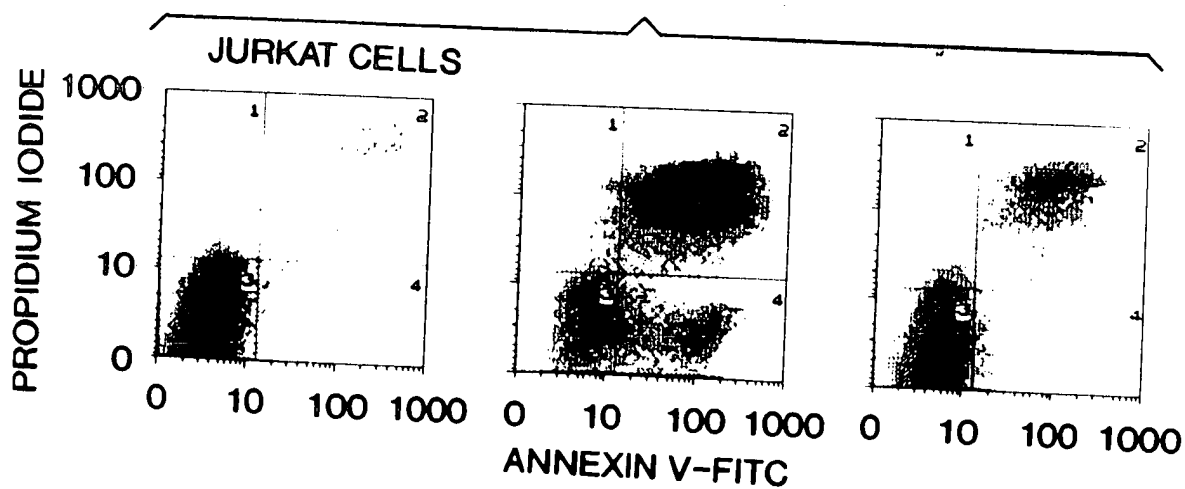


FIG. 2D

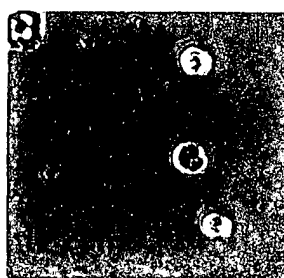


9D CELLS

CONTROL



APO-2L



ANTI-APO-1



FIG. 2A